

# TECHNICAL MEMORANDUM

## Utah Coal Regulatory Program

July 8, 2004

TO: Internal File

FROM: Stephen J. Demczak, Environmental Scientist III/Engineering, Team Lead

RE: Update Map 3-9A, PacifiCorp, Deer Creek Mine, C/015/018, Task ID #1944

### **SUMMARY:**

The permittee has submitted an amendment to update Map 3-9A. This map is the surface facilities map of Rilda Canyon. The permittee has requested to construct three concrete pads for the installation of additional power transformers at the sub-station in Rilda Canyon. The pads will contain approximately twenty-seven cubic yards of concrete. The permittee will be updating the reclamation bond in the near future for the new facilities at Rilda including the 27 cubic yards of concrete. The calculated bonding amount for the Deer Creek Mine is \$2,656,716. The bond being held by the Division is \$3,000,000. Therefore, the current bond covers the 27 cubic yards of additional concrete.

### **TECHNICAL ANALYSIS:**

## OPERATION PLAN

## SUPPORT FACILITIES AND UTILITY STALLATIONS

Regulatory Reference: 30 CFR Sec. 784.30, 817.180, 817.181; R645-301-526.

### **Analysis:**

The permittee has requested to install three concrete pads at the Rilda Canyon sub-station for adding more power transformers for upgrading the power system. This will be an increase of 27 cubic yards of concrete for removal reclamation.

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## TECHNICAL MEMO

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### Findings:

The permittee has met the minimum requirements of the R645 Coal Rules.

## MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

### Analysis:

#### Mining Facilities Maps

The permittee has updated Map 3-9A the surface facility map of Rilda Canyon. This map indicates the locations of the three concrete pads for the power transformers. This map is P.E. certified.

#### Certification Requirements

Map 3-9A has been certified by a P.E.

### Findings:

The permittee has met the minimum requirements of this section.

## RECLAMATION PLAN

## BONDING AND INSURANCE REQUIREMENTS

Regulatory Reference: 30 CFR Sec. 800; R645-301-800, et seq.

**Analysis:**

**Determination of Bond ount**

The permittee has sufficient bonding amount for the reclamation of the three concrete pads for power transformers at the Rilda Canyon sub-station. The calculated bonding amount for the Deer Creek Mine is \$2,656,716. The bond being held by the Division is \$3,000,000. Therefore, the current bond covers the 27 cubic yards of additional concrete.

**Findings:**

The permittee has met the minimum requirements of this section.

**RECOMMENDATIONS:**

The permittee has met the minimum requirements. This amendment is recommended for approval.